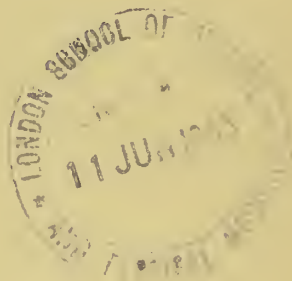
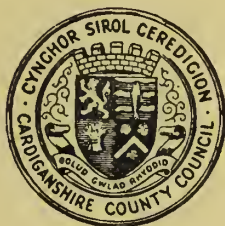


II

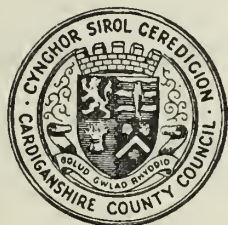
CARDIGANSHIRE COUNTY COUNCIL



ANNUAL REPORT
of the
MEDICAL OFFICER OF HEALTH
and
PRINCIPAL
SCHOOL MEDICAL OFFICER
for the year 1955

ERNEST JONES, M.Sc., M.B., CH.B., D.P.H.,
County Medical Officer of Health,
Principal School Medical Officer.

CARDIGANSHIRE COUNTY COUNCIL



ANNUAL REPORT of the MEDICAL OFFICER OF HEALTH and PRINCIPAL SCHOOL MEDICAL OFFICER for the year 1955



ERNEST JONES, M.Sc., M.B., CH.B., D.P.H.,
County Medical Officer of Health,
Principal School Medical Officer.



Digitized by the Internet Archive
in 2016 with funding from
Wellcome Library

<https://archive.org/details/b28835104>

CARDIGANSHIRE COUNTY COUNCIL.

Public Health Officers of the Authority.

County Medical Officer of Health and Principal School Medical Officer ...	ERNEST JONES, M.Sc., M.B., CH.B., D.P.H.
Deputy County Medical Officer of Health and Medical Officer to the Joint District Councils	I. MORGAN WATKIN, PH.D. (Lond.), M.Sc., M.B., B.CH., D.P.H. (Wales).
Medical Officer for Maternity and Child Welfare	GWEN BEVAN, B.Sc., M.R.C.S., L.R.C.P.
Principal School Dental Officer ...	W. D. PERCIVAL EVANS, L.D.S., R.C.S. (Eng.).
School Dental Officer	E. BYRON LLOYD, L.D.S., R.C.S. (Eng.).
Dental Attendants	MRS. VERA MORRIS. MRS. D. M. WATSON, S.R.N.
Home Help Organiser	Miss M. G. REES.
Assistant Home Help Organiser ...	Miss M. M. HENLLYS JONES.
County Sanitary Inspector	EVAN RICHARDS, M.R.S.I., CERT. S.I.B.
County Analyst	HERBERT J. EVANS, B.Sc., F.I.C., F.C.S.
Ambulance Sub-Controller	J. C. BLAYNEY (Serving Brother of the Order of St. John).
Chief Nursing Officer	MRS. A. M. DUDLEY-THOMAS, S.R.N., S.C.M., T.B. CERT., H.V. Cert.
Health Visitors (each holding the H.V. certificate of the Royal Sanitary Institute)	Miss D. M. DAVIES, S.R.N., S.C.M. Miss VALMAI DAVIES, S.R.N., S.C.M. Mrs. GWENFRON LEWIS, S.R.N., S.C.M. Miss MARY LEWIS, S.R.N., S.C.M., T.B. CERT., R.F.N. Miss D. J. MORGAN, S.R.N., S.C.M. Miss M. MORGAN, S.R.N., S.C.M. Miss M. MORRIS, S.R.N., S.C.M. Mrs. S. C. MORRIS, S.R.N., S.C.M. Mrs. ELUNED PHILLIPS, S.R.N., S.C.M. Miss L. A. WATSON, S.R.N., S.C.M. Miss E. A. WILLIAMS, S.R.N., S.C.M.

District Nurse-Midwives

- ... NURSE S. A. BASSETT, S.R.N., S.C.M., Aberystwyth
(Resigned 30/6/55).
- NURSE M. BOWEN, S.R.N., S.C.M., Aberporth.
- NURSE M. CARTER, S.C.M., Llandyssul.
- NURSE A. DAVIES, S.C.M., Henllan.
- NURSE A. B. DAVIES, S.R.N., S.C.M., Aberaeron.
- NURSE D. DAVIES, S.R.N., S.C.M., Lampeter.
- NURSE H. M. DAVIES, S.R.N., S.C.M., Capel Bangor
(Commenced 5/11/55)
- NURSE S. J. DAVIES, S.R.N., S.C.M., Pontrhydfen-
digaid.
- NURSE M. DAVIES, S.R.N., S.C.M., County Relief
(Commenced 12/11/55)
- NURSE B. EBENEZER, S.R.N., S.C.M., Llangeitho.
- NURSE E. M. A. EDWARDS, S.R.N., S.C.M., Tregaron.
- NURSE M. H. EVANS, S.R.N., S.C.M., Llanbadarn.
- NURSE M. EVANS, S.R.N., S.C.M., Llanwenog.
- NURSE M. M. EVANS, S.R.N., S.C.M., Glandyfi.
- NURSE P. J. M. HAGSTROM, S.C.M., Llanychaiarn.
- NURSE J. A. HARRHY, S.R.N., S.C.M., Mid-Aeron
- NURSE E. JAMES, S.C.M., Llechryd.
- NURSE P. A. JAMES, S.R.N., S.C.M., Llanarth.
- NURSE M. E. JARMAN, S.C.M., Cross Inn, Llanon.
- NURSE A. JONES, S.R.N., S.C.M., Llanilar.
- NURSE A. JONES, S.R.N., S.C.M., Llanrhystyd.
- NURSE B. JONES, S.R.N., S.C.M., Cardigan.
- NURSE D. E. JONES, S.R.N., S.C.M., County Relief
(Commenced 12/12/55)
- NURSE E. M. JONES, S.R.N., S.C.M., Llanafan.
- NURSE M. JONES, S.R.N., S.C.M., Lampeter.
- NURSE V. JONES, S.C.M., Cardigan.
- NURSE C. LEWIS, S.R.N., S.C.M., Capel Bangor.
(Resigned 30/9/55)
- NURSE E. A. LEWIS, S.R.N., S.C.M., Rhydlewis.
- NURSE M. LLOYD, S.R.N., S.C.M., County Relief

NURSE M. M. LLOYD, S.R.N., S.C.M., County Relief
(Commenced 29/3/55)

NURSE M. M. MORGAN, S.C.M., Talybont.

NURSE M. O. MORRIS, S.R.N., S.C.M., Aberystwyth
(Commenced 1/9/55)

NURSE F. PARKER, S.R.N., S.C.M., Aberystwyth
(Commenced 3/10/55)

NURSE E. REES, S.R.N., S.C.M., Devil's Bridge
(Commenced 4/7/55)

NURSE N. REES, S.R.N., S.C.M., Llandyssilio.

NURSE R. M. REES, S.R.N., S.C.M., New Quay.

NURSE H. E. ROBERTS, S.C.M., Rhydypennau.

NURSE J. ROBERTS, S.R.N., Aberystwyth.

NURSE B. E. J. THOMAS, S.R.N., S.C.M., Llangranog.

NURSE M. G. THOMAS, S.R.N., S.C.M., Borth.

NURSE R. EVANS VAUGHAN, S.R.N., S.C.M., Aberystwyth.

NURSE E. V. WILLIAMS, S.R.N., S.C.M., Devil's Bridge. (Resigned 31/10/55)

Duly Authorised Officers for Mental
Health

ENOCH DAVIES, Talybont. (Resigned 5/7/55)

T. LL. DAVIES, Tregaron.

T. ALUN EVANS, Aberaeron.

J. H. JOHNS, Cardigan.

E. EVANS JONES, Aberystwyth.

Mrs. M. A. MORGAN, Pontrhydygroes.

Speech Therapist

W. R. ALLEN, A.R.C.M., A.R.C.O., M.R.S.T.

Chief Clerk and Petitioning Officer
for Mental Deficiency Acts ...

D. OLIVER MORGAN.

Officers of the Regional Hospital Board who provide Specialist Services for the
County Council.

Orthopaedic N. ROCYN JONES, M.D., F.R.C.S.

Ophthalmic Mrs. KATHLEEN DAVIES-THOMAS, M.B., Ch.B.
D.P.H., D.O.

Chest D. LLEWELYN DAVIES, M.R.C.S., L.R.C.P.
T. J. JONES, D.Sc., M.B., Ch.B.
G. O. THOMAS, M.D., M.B. Ch.B.

VITAL STATISTICS.

THE mortality rates for 1955 show a slight increase all round except those of tuberculosis. As will be seen from the table below the tuberculosis death rate still continues to fall and has reached the record low figure of 0.07 per 1,000 population.

There was one maternal death during the year, giving a death rate of 1.43, and there were 27 deaths of infants under one year of age. This gave an increase of 6 on the previous year, showing a death rate of 39.59 as against 28.89 for the previous year. On the other hand, there were no deaths from diphtheria and other epidemic diseases such as typhoid, acute infective encephalitis, cerebral spinal fever, scarlet fever, measles and mumps. There were 149 deaths from cancer giving a death rate of 2.78 per 1,000 population. Three hundred and fifteen persons died of heart disease during the year, giving a death rate of 5.87.

The death rates for the last six years for certain of these causes are shown in the following tables.

Tuberculosis of the lungs.

The fall in the number of deaths from tuberculosis still continues and has now reached the record low figure of 0.07 per 1,000 population.

Table showing the number of deaths from,
and rates for lung tuberculosis for the last six years.

Year	Number	Rate per 1,000 population
1955	4	0.07
1954	5	0.09
1953	14	0.26
1952	12	0.23
1951	18	0.33
1950	16	0.29

Maternal Mortality.

There was one maternal death during 1955.

Table showing the number of deaths and rates relating to maternal mortality for the last six years.

Year	Number	Rate per 1,000 total (live & still) births
1955	1	1.43
1954	0	0.00
1953	0	0.00
1952	1	1.42
1951	2	2.59
1950	1	1.40

Infantile Mortality.

The death rate for 1955 given in the following table shows an increase on the previous year.

Table showing the number of deaths and rates relating to infantile mortality for the last six years.

Year	Number	Death rate of infants under 1 year per 1,000 live births
1955	27	39.59
1954	21	28.89
1953	19	26.72
1952	26	38.07
1951	28	37.23
1950	25	35.00

Cancer.

The death rate is a little above the average for the previous five years.

Table showing the number of deaths from, and rates for cancer for the last six years.

Year	Number	Rate per 1,000 population
1955	149	2.78
1954	137	2.55
1953	123	2.29
1952	132	2.48
1951	138	2.55
1950	132	2.44

Heart Disease.

The death rate for heart disease shows a slight increase on those for the previous three years.

Table showing the number of deaths from, and rates for heart disease for the last six years.

Year	Number	Rate per 1,000 population
1955	315	5.87
1954	289	5.38
1953	260	4.86
1952	276	5.18
1951	349	6.44
1950	297	5.50

Maternity and Child Welfare.

The infant welfare centres are 15 in number, as before. Nine of these centres are used as ante- and post-natal clinics. Unmarried mothers and their children are cared for by arrangement with the Children's Officer of the Authority and the St. David's Diocesan Moral Welfare Committee.

Care of Children.

A Home for the care of infants up to the age of 5 years is located at Blaendyffryn, Llandyssul. Older children, who come under the Care of Children Committee, are first received at Bryntirion Children's Home, Tregaron, and, after a time, placed in foster-homes or in the Peterwell Children's Home, Lampeter.

Care of Premature Infants.

Premature infants, i.e., babies weighing $5\frac{1}{2}$ lbs. or less at birth, are reported to the County Council, and equipment for nursing at home is provided, or, where necessary, the infants born at home are admitted to hospital for special nursing and medical care.

The health visitors receive detailed information concerning these premature infants, and take over the supervision of their care when the responsibility of the midwife ceases at the end of the lying-in period, or when the baby is discharged from hospital or nursing home.

Thirty six premature infants were born during the year, 28 in hospital and 8 at home. Of those born at home, 3 were nursed there, and 5 transferred to hospital on or before the twenty-eighth day. Of the 28 in hospital, 6 died within twenty-four hours of birth, and the rest survived.

Dental Care.

The dental care of expectant and nursing mothers, and also pre-school children is under the supervision of the Principal School Dental Officer of the Authority. Full treatment is provided, including artificial dentures.

The following tables show the numbers treated and the type of treatment given during the year.

	Examined	Needing treatment	Treated	Made dentally fit
Expectant and nursing mothers	47	47	47	47
Children under five	172	163	160	160

Forms of dental treatment provided :—

	<i>Scal- ings and gum treat- ment</i>	<i>Fill- ings</i>	<i>Silver Nitrate treat- ment</i>	<i>Crowns or Inlays</i>	<i>Extract- ions</i>	<i>General Anaes- thetics</i>	<i>Dentures provided</i>		<i>Radio- graphs</i>
							<i>Full Upper or Lower</i>	<i>Partial Upper or Lower</i>	
Expectant & nursing mothers ...	67	47	—	—	160	22	23	6	11
Children under five..	7	82	106	—	187	94	—	—	3

Domiciliary Midwifery.

The Authority has 34 domiciliary midwives. The County Medical Officer of Health acts as medical supervisor of midwives, and the Chief Nursing Officer acts as the non-medical supervisor of midwives. Supervision is carried out in the cases of domiciliary midwives and midwives not employed in the Authority's domiciliary services. Sets of apparatus for the administration of analgesics are in use by domiciliary midwives, who are qualified to administer analgesics in accordance with the requirements of the Central Midwives Board. The midwives carry out ante-natal supervision of all cases booked with them. Cases booked with general practitioners undertaking maternity medical services are advised by the doctors to notify the midwife immediately. Where the midwife considers the home conditions of any of her patients to be unsatisfactory, arrangements are made for the patient to be admitted to hospital. At present, there is a shortage of midwives in the County, but as soon as the position improves, arrangements will be made for them to attend refresher courses. The Council has no scheme for the training of pupil midwives within the County.

Health Visiting.

The health visitors are employed by the County Council on a whole-time basis and undertake a wide range of duties, including those defined under the section of the Act. There are enough health visitors to provide for the needs of the whole County. The County is divided into areas, and each health visitor is responsible for all health visiting duties, including attendances at clinics and welfare centres, in her allotted area. Financial help is given to suitable officers who do not already possess the Health Visitor's Certificate to obtain it, but there are no facilities offered by the County for student health visitors. There has been no need for refresher courses in the cases of the Council's health visitors, as they are all recently qualified personnel.

The table on page 33 shows the number of visits and work done by the health visitors during the year.

Home Nursing.

Home nursing is carried out by one whole-time home nurse and on a part-time basis by the 34 district nurses. General practitioners are assisted in their work by the skilled nursing care available for the patient and the co-operation of the nurses. In addition to their own cases, the hospitals notify the Authority immediately a patient is discharged, and the nurses are, therefore, enabled to commence "follow-up" immediately. The types of cases treated are medical, surgical, and chronic sick. The last class provides the greatest number and, with the aged and infirm, form a high percentage. There is no particular night service as such, the home nurses being on call at any time of the day or night. No arrangements were made in 1955 for refresher courses for district nurse training. Sixty one thousand, nine hundred and five visits were made during the year to five thousand, eight hundred and twenty eight cases.

Vaccination and Immunisation.

Anti-smallpox vaccination is carried out entirely by general practitioners. The number vaccinated and re-vaccinated during the year was two hundred and sixty five.

Immunisation against diphtheria is provided by general practitioners and by the maternity and child welfare medical officer at the clinics. The number immunised as at 31st December, 1955, was 6,585.

Children exposed in the home to possible tuberculosis infection are immunised with B.C.G. vaccine when the tuberculous person is away undergoing sanatorium treatment.

Ambulance Service.

There is a central control at Aberystwyth, and in addition to this station there are others situated at Cardigan, Lampeter, Llandyssul and New Quay. The only station which has a full-time staff is Aberystwyth, where there is a sub-controller, with three drivers and one attendant. The remaining stations are administered on an agency basis. There are eight ambulances in the county. The Council has no sitting-case cars of its own, but makes use of local taxis. Each ambulance vehicle is fitted with Lomas stretchers and beds. The following table shows the mileage, number of journeys made, and the number of patients carried by ambulances during the last three years.

	1953	1954	1955
Number of patients conveyed	6,197	5,974	6,955
Number of journeys made ...	4,051	3,769	4,080
Mileage covered	120,275	112,565	133,113½

The following table gives similar information for 1955 in connection with the ambulances of the various stations :—

Station	Number of patients conveyed	Number of journeys made	Mileage covered
Aberystwyth	3,728	2,403	35,360
Cardigan ...	668	511	22,613½
Lampeter ...	844	364	26,179
Llandyssul	830	432	26,718
New Quay...	885	370	22,243
Total ...	6,955	4,080	133,113½

Sitting-case cars were used as follows during the last three years :—

	1953	1954	1955
Number of patients conveyed	1,408	1,782	2,587
Number of journeys made ...	1,016	1,295	1,645
Mileage covered ...	78,385	91,278	119,826

Tuberculosis : Prevention, Care and After-Care.

This is done by collaboration between the Chest Physicians, the County Medical Officer of Health, the Medical Officer to the Joint District Councils, and the county health visitors. The health visitors paid 859 visits to tuberculous patients during the year.

When tuberculous patients are admitted to hospitals and sanatoria the sanitary inspectors of the districts concerned are notified. The premises are then inspected by them, special attention being paid to the possibility of infection of young children, and the disinfection of the premises and clothing. Patients discharged home from hospitals receive the same attention. Reports are then sent to the County Medical Officer of Health.

Domestic Help.

The Authority has one full-time organiser, one assistant organiser, 8 whole-time and 222 part-time home helps. The cases where home help was provided during 1955 are classified below :—

Maternity (including expectant mothers)	...	...	38
Tuberculosis	...	...	9
Chronic sick, including aged and infirm	...	...	389
Others	...	...	37
Total	...	...	<hr/>473 <hr/>

There are no facilities for training.

Mental Health.

The County Medical Officer of Health is responsible for the organisation and control of the service and has a staff of 6 duly authorised officers and a petitioning officer. The Authority has no psychiatric social workers or occupation centres.

Health visitors and duly authorised officers keep in touch with patients on trial or on licence from mental hospitals, and their reports go to the County Medical Officer of Health and officers of the Regional Hospital Board.

There are no arrangements for the training of mental health workers.

Duly authorised officers take the initiative in dealing with cases under the Lunacy and Mental Treatment Acts, 1890—1930, and accompany the patients to hospital. Ascertainment of mental defectives is carried out by the County Medical Officer of Health, who receives information from health visitors, district nurses, duly authorised officers, and officers of the National Assistance Board.

As will be seen from the following table, 1 male mental defective was admitted to hospital during the year. This makes a total of 25 (12 males and 13 females) in hospital at the end of the year. Besides these, there was 1 female under guardianship and 8 cases were awaiting institutional accommodation.

MENTAL DEFICIENCY ACTS, 1913—1938.

	Under age 16		Aged 16 and over	
	M	F	M	F
1. Particulars of cases reported during 1955				
(a) Cases at 31st December 1955 ascertained to be defectives "subject to be dealt with". Action taken on reports by :—				
(i) Local Education Authorities on children :—				
(1) While at school or liable to attend school ...	—	—	—	—
(2) On leaving special schools ...	—	—	—	—
(3) On leaving ordinary schools ...	—	—	—	—
(ii) Police or by Courts ...	—	—	—	—
(iii) Other Sources ...	1	—	—	—
(b) Cases reported who were found to be defectives but were not, at 31st December, 1955, regarded as "subject to be dealt with" on any ground ...	—	—	—	—
(c) Cases reported who were not regarded as defectives or in which action was incomplete at 31st December, 1955, and are thus excluded from (a) or (b)	—	—	—	—
Total number of cases reported during the year ...	1	—	—	—
2. Disposal of cases				
(a) Of the cases ascertained to be defectives "subject to be dealt with" (i.e. at 1(a)), number :— ...				
(i) Placed under Statutory Supervision ...	—	—	—	—
(ii) Placed under Guardianship ...	—	—	—	—
(iii) Taken to "Places of Safety" ...	—	—	—	—
(iv) Admitted to Hospitals ...	1	—	—	—
(b) Of the cases not ascertained to be defectives "subject to be dealt with" number, :—				
(i) Placed under Voluntary Supervision ...	—	—	—	—
(ii) Action unnecessary ...	—	—	—	—
	1	—	—	—

						Under age 16		Aged 16 and over	
3. Total cases on Authority's Register at 31/12/55						M	F	M	F
(i)	Under Statutory Supervision	...	...	...	...	—	—	—	—
(ii)	Under Guardianship	...	...	...	...	—	—	—	1
(iii)	In "Places of Safety"	...	...	...	...	—	—	—	—
(iv)	In Hospitals	...	...	...	...	3	1	9	12
(v)	Under Voluntary Supervision	...	...	...	...	12	7	46	48
Total						15	8	55	61

The number of admissions and discharges from Mental Hospitals is shown below :—

					Male	Female	Total
Admissions to Mental Hospitals :—							
(1)	Voluntary	...	...	...	31	52	83
(2)	Temporary	...	...	...	—	—	—
(3)	Certified	...	...	...	3	5	8
Discharges from Mental Hospitals					21	37	58
					—	—	—
					1	2	3

NATIONAL ASSISTANCE ACTS, 1948 and 1951.

During the year two persons were admitted to Bronglais Hospital. Both were cases of self neglect and in need of care and attention. The Court Order in each case was for a period of three weeks.

BLIND WELFARE.

There were 235 registered blind persons in the County at the end of the year. These were visited by the health visitors, who paid 438 visits during the year.

It will be seen from the following tables that the majority of these blind people were over 70 years of age. The absence of industry and dangerous trades makes blindness from accidents unlikely. Blindness from venereal diseases is unknown in the County.

The following tables show the number of registered blind persons and the number of persons on the observation register at the end of the year.

REGISTERED BLIND (Ordinarily resident in the county).

<i>Age Group</i>	<i>Male</i>	<i>Female</i>	<i>Total</i>
0	—	—	—
1	—	—	—
2	—	—	—
3	—	—	—
4	—	—	—
5—10	—	2	2
11—15	—	2	2
16—20	1	1	2
21—30	—	3	3
31—39	4	1	5
40—49	5	7	12
50—59	11	12	23
60—64	8	12	20
65—69	6	11	17
70 and over	60	89	149
TOTAL ...	95	140	235

ON OBSERVATION REGISTER (Ordinarily resident in the county).

<i>Age Group</i>	<i>Male</i>	<i>Female</i>	<i>Total</i>
0—1	—	—	—
2—4	—	—	—
5—15	7	3	10
16—20	—	2	2
21—49	2	4	6
50—64	6	11	17
65 and over	39	69	108
TOTAL	54	89	143

RURAL WATER SUPPLIES AND SEWERAGE ACTS, 1944—1955.

Water Supplies.

It is now ten years since the first of these Acts came into operation when the Government set aside the sum of £15,000,000 as a contribution towards the provision of piped water supplies and sewerage schemes in rural localities. It soon became evident that this sum would be far from adequate. In 1951 the sum was increased to £45,000,000 and in 1955 it was further increased to £75,000,000.

When a grant is made by the Ministry the County Council are required to make a contribution. All schemes prepared by the local sanitary authorities are submitted to the County Council for consideration before a grant is made and in accordance with Circular 34/50 such examination by the County Council is to be confined to the following main features :—

- (i) the broad basis of design as distinct from technical detail ;
- (ii) general sanitary and financial considerations ; and
- (iii) the desirability of co-ordination of schemes with adjoining areas.

Since the end of the war the rural authorities in the county have been most energetic in their endeavours to provide piped water supplies for their districts. As shown in previous reports a great many schemes have been prepared ; many of them have been completed.

There is no statutory definition of rural locality in the Acts. Urban authorities as such are not ruled out, but eligibility would appear to depend upon the general character of the locality. In this respect it would be of great advantage if small urban areas were able to obtain the benefits of these grants on the same basis as their rural neighbours.

During the year the following schemes were submitted for the consideration of the County Council and after being reported on by the County Surveyor and the County Medical Officer of Health were approved for grant :—

1. A scheme by the Aberaeron R.D.C. for extending the mains of the Plwmp and Synod Inn water scheme to Llanarth to augment the existing supply of that village at an estimated cost of £9,000. This should eventually enable a proper sewerage scheme to be installed for the village.

2. A small scheme by the Aberaeron R.D.C. for an extension from the Llangybi-Silian main to supply seven scattered properties on the route from Bettws to Pencoeed Uchaf at an estimated cost of £2,500.

3. A scheme by the Aberaeron R.D.C. for the extension of the mains at Cross Inn, New Quay, to supply sixteen properties, most of which are farms, in the parish of Llanllwchaearn at an estimated cost of £4,860.

4. A scheme by the Aberaeron R.D.C. for extending the mains of the Llangybi scheme to supply thirteen properties on the route to Llangybi Common.

5. A scheme by the Aberaeron R.D.C. for supplying the villages of Cellan and Llanfair from the Llangybi water scheme at a cost of £15,000. Both of these villages have small standpipe supplies with very small yields; all other local springs investigated failed to provide the necessary yield for the construction of satisfactory augmentation schemes and the only alternative is to pipe the water from Llangybi for a distance of $2\frac{1}{2}$ miles.

6. A scheme by the Aberaeron R.D.C. for extending the Cross Inn (Llanon) water scheme to supply properties on the route to Pennant at a cost of £4,300.

7. A scheme by the Aberystwyth R.D.C. for extending the mains from Clarach to supply ten properties on the route to Tydu, Borth.

8. A scheme by the Teifside R.D.C. to extend the Wernddu water scheme to supply the village of Tregroes and properties on the route. Twenty-six properties will be served and the cost is estimated at £7,350.

9. A small scheme by the Teifside R.D.C. to supply six farms in the Bowls area near Beulah by extending the mains of the Vagwr scheme.

10. A scheme by the Teifside R.D.C. to augment the Vagwr scheme which supplies the Aberporth area by obtaining an additional 20,000 gallons per day from the Ministry of Supply reservoir which supplies Aberporth Camp. This will enable the Vagwr scheme to be extended to supply the hamlets of Penrhiw, Neuadd-Cross, and Penllwyndu together with a number of farms along the route as well as providing an additional supply for Aberporth. The estimated cost is £15,800.

11. An extension of the Ffynnon Llawddog water scheme by the Teifside R.D.C. to supply scattered properties, mainly farms, in the Stradmore area of Llandygydd parish at an estimated cost of £8,000.

12. Extensions of the Glynarthen water scheme by the Teifside R.D.C. to supply thirty four properties, mainly farms, in the Cwmcoy, Alltycordde and Tynewydd areas at an estimated cost of £7,560.

13. Extension of the Vagwr water scheme by the Teifside R.D.C. to supply four farms at a cost of £700.

14. Extension of the Blaenbarre water scheme by the Teifside R.D.C. to supply seven farms and five houses in the Penbryn and Pensarnddu districts at an estimated cost of £2,600.

All of the schemes are for supplying areas which are at present dependent on shallow wells, springs and spouts, most of which are not protected against surface contamination and many of them dry up during long spells of dry weather. From the public health point of view they are all essential for the well being of the population which they are to serve.

In April, 1955, a public inquiry was held by the Ministry of Housing and Local Government to the proposal to form a South Cardiganshire Water Board comprising the Borough of Cardigan, the Urban Districts of Aberaeron and New Quay, and the Rural Districts of Aberaeron, Teifside and Tregaron. This proposal was first considered in 1944 when the local authorities realised that to provide an adequate supply of water to all parts of these districts could not be effected by local schemes and that it was necessary to provide one large comprehensive scheme to provide for the whole area and which could also be used for augmenting those schemes which had already been completed. The Order was confirmed by the Minister in March, 1956, and the new Board will come into operation in the early part of 1957, and from then will take over all the water supply responsibilities of the local authorities concerned. The first part of the work will be the construction of the waterworks above Ffair Rhos which involves the construction of two impounding reservoirs at Llyn Teifi and Llyn Egnant.

Sewerage Schemes

Only two new schemes were submitted for new village sewerage schemes during the year. These were :—

1. A scheme for the village of Llanddewi Brefi by the Tregaron R.D.C. at an estimated cost of £16,800.

2. A scheme for the village of Beulah by the Teifside R.D.C. at an estimated cost of £7,900. The primary function of this scheme is to provide sewerage for new houses to be erected by the local authority, but it is so designed that it will also provide for all the other properties in the village.

Water and Sewerage Schemes Carried Out During the Year.

During the year the following new schemes were carried out or were in the course of execution :—

1. Further progress was made with the Ffynnonrhys water scheme by the Aberaeron R.D.C. for supplying Gorsgoch, Drefach, Llanwenog and Cwmsychpant. The main scheme has now been completed and further extensions are now being made.

2. Work was commenced on the water scheme to supply the village of Silian from the Llangybi water scheme.

3. The Cross Inn water scheme was extended by the Aberaeron R.D.C. to augment the existing supply to Llanon village and to supply other properties en route.

4. Further progress was made by the Aberystwyth R.D.C. with the Southern Area water scheme and by the end of the year the mains had already reached Llanilar.
5. The Plwmp and Synod Inn water scheme was completed by the Aberaeron R.D.C., and this scheme was extended later to augment the Llanarth scheme which was insufficient to cope with the very dry summer of last year.
6. The Talsarn water scheme was extended by the Aberaeron R.D.C. to supply ten properties between Llanllyr and Abermeurig.
7. The Nantgwyllan water scheme was completed by the Teifside R.D.C. for supplying Brongest, Coedybryn, Penrhiwpal, Felin Wnda and Troedryaur.
8. A water supply scheme for the village of Ysbyty Ystwyth was completed by the Tregaron R.D.C.

In addition to these a number of small extensions to existing main schemes were carried out by the various authorities.

Apart from small schemes for local authority housing estates, no new work on main sewerage schemes was carried out during the year.

Housing.

The County Council is not a housing authority under the Housing Act, 1936, but under Section 88 of that Act it is their duty to have constant regard to housing conditions throughout the county, the extent to which overcrowding or other unsatisfactory housing conditions exist and the sufficiency of the steps which the council of the district have taken or are taking to remedy these conditions and to provide further housing accommodation.

The table on page 22 shows the number of new houses built by the various authorities since the end of the war. This shows that a total of 1,444 had either been built or were in course of being completed whilst a further 278 had been built by private persons and another 48 were in course of erection.

During the year the four rural sanitary authorities have been busily engaged in carrying out the housing survey required under the Housing Repairs and Rents Act, 1954. Although the final figures of the surveys are not yet available the information supplied so far shows that the number of houses which are unfit and should be replaced is far greater than was generally believed.

Infectious Diseases.

Under the Tenth Schedule of the National Health Service Act, 1946, notifications of all cases of infectious disease have to be sent by the District Medical Officer to the County Council and the latter have to reimburse the notification fees payable to the general medical practitioners for the notifications.

The following diseases are notifiable under the Public Health Act, 1936 :

Cholera	Plague
Diphtheria	Pneumonia (Primary and Influenzal)
Dysentery	Poliomyelitis

Encephalitis (Acute)	Puerperal Pyrexia
Enteric (Typhoid or Paratyphoid) Fever	Relapsing Fever
Erysipelas	Scarlet Fever
Measles	Smallpox
Malaria	Suspected Food Poisoning
Membranous Croup	Tuberculosis
Meningococcal Infection	Typhus
Ophthalmia Neonatorum	Whooping Cough

The table on page 31 shows the number of cases notified during the year and also their distribution by administrative areas.

Details of the 32 cases of dysentery in Lampeter Borough and the 5 in Aberaeron Rural District are given in the School Medical Service section of this report. There were 4 cases of poliomyelitis, of which one, a woman of 34, was fatal.

Milk Regulations.

During the year the Food and Drugs Act, 1955, was passed. It is mainly a consolidating measure and, as far as the County Council is concerned, it re-enacts existing provisions relating to the licensing and supervision of pasteurising plants, the prohibition of the sale of tuberculous milk and for checking the retail sale of milk sold under special designation such as T.T. or pasteurised, all of which are to be enforced by the County Council.

There are two pasteurising plants in the county, one at the Milk Marketing Board's Creamery at Felinfach and the other at Nantllan Farm, Clarach. Both of these plants are checked twice a month, samples are submitted to the Public Health Laboratory, and monthly reports are sent to the Ministry of Agriculture, Fisheries and Food.

Fifty-one samples were taken from milk retailers, mainly those supplying schools, and tested for the presence of the tubercle bacillus and brucella abortus, not one of which gave a positive reaction.

So far no action has been taken by the Ministry of Agriculture, Fisheries and Food to declare the county or any parts of it to be a "specified area" in accordance with Section 19 of the Food and Drugs (Milk, Dairies and Artificial Cream) Act, 1950. When this is done the only milk allowed to be sold by retail must be either T.T. or pasteurised, and the County Council will be responsible for enforcing these provisions. Many such areas have been declared in the last few years, mainly those where the percentage of tuberculin-tested herds is small and consequently where the danger of infection is greater. Although the county has not yet been declared a "specified area" it is, in fact, already an area where all the milk consumed is from tuberculin tested herds.

Sanitary Complaints.

Many complaints of insanitary conditions, particularly in connection with housing, are made to the department. All of these are investigated and, where considered necessary, representations made to the local authority concerned. In this respect it is possible once again to report on the continued excellent spirit of cooperation which exists between all the health departments of the various authorities within the county.

NEW HOUSES BUILT FROM 1945 TO 31.12.55.

	<i>Local Authority Houses</i>			<i>Privately Built Houses</i>	
	<i>Permanent</i>		<i>No. of Temporary Houses completed</i>	<i>New Dwellings</i>	
	<i>No. under construction at 31/12/55</i>	<i>No. completed</i>		<i>Under construction</i>	<i>No. completed</i>
Aberystwyth Borough	—	336	—	5	30
Cardigan Borough ...	60	92	20	5	31
Lampeter Borough ...	—	79	—	—	12
Aberaeron Urban ...	12	31	—	—	14
New Quay Urban ...	—	28	—	2	7
Aberaeron Rural ...	30	156	—	7	32
Aberystwyth Rural ...	38	258	—	9	66
Teifside Rural ...	64	166	10	15	69
Tregaron Rural ...	—	94	—	5	17
Whole County ...	204	1,240	30	48	278

DISTRIBUTION OF WELFARE FOODS.

Bulk supplies are received once a month from the Ministry of Food, and these are kept at the Central Depot at Aberystwyth. Details of these bulk supplies received up to the end of the year are shown in the following table :—

			Quantity
National Dried Milk (tins)	...	...	30,960
Cod Liver Oil (bottles)	...	...	6,732
A. and D. Tablets (packets)	...	...	1,600
Orange Juice (bottles)	...	...	31,140

The method of distribution is by means of a van, voluntary distributors, clinics, as well as at the County Health Department. The centres at which the van attends regularly are shown below :—

LLANDYSSUL	...	...	Tuesdays, 10.30 a.m. to 3.30 p.m.
ABERAERON	...	...	Wednesdays, 10.30 a.m. to 12 noon.
CARDIGAN	...	...	Thursdays, 10.30 a.m. to 3.30 p.m.
TREGARON	...	...	Fridays, 10.30 a.m. to 12.30 p.m.
LAMPETER	...	...	Fridays, 2 p.m. to 4 p.m.

The amount of welfare foods issued during the period can be seen from the following table :—

			Van	Clinic	Voluntary Distributors
National Dried Milk (tins)	...	...	17,108	6,990	5,317
Cod Liver Oil (bottles)	...	...	3,376	2,320	965
A. and D. Tablets (packets)	...	...	840	744	48
Orange Juice (bottles)	...	...	15,315	10,254	4,942

Details of the number of coupons collected and accounted for in connection with these issues are given below :—

				Paid Coupons		Free
				Number	Value	Number
National Dried Milk	...	...	...	28,461	£1,245/3/4½	954
Cod Liver Oil	...	...	...	—	—	6,361
A. and D. Tablets	...	...	...	—	—	1,632
Orange Juice	...	...	...	29,440	£613/8/4	1,071

The scheme has worked satisfactorily throughout the period, and has been well received by the public. The main centres of population are well covered, and the rural areas are served by clinics and voluntary distributors.

MEDICAL EXAMINATION OF EMPLOYEES.

Two hundred and sixty seven medical examinations on employees and entrants to training colleges were carried out during the year by the staff of the County Health Department.

LOAN OF EQUIPMENT.

Under Section 28 of the National Health Service Act, 1946, invalid chairs, bed and bedding, chalets, etc., are issued on loan to patients for temporary periods. Details of equipment issued on loan during the year are given below :—

	<i>No. of persons concerned</i>		
Bed and Bedding	7
Chalets	1
Invalid Chairs	14

AREA, POPULATION AND RATEABLE VALUE OF THE COUNTY

Local Authority	Area (in acres)	Estimated Population 1955	Population 1951 Census	Rateable Value at 1/4/55 £	Sum re- presented by a 1d. rate 1955-56
Aberystwyth Borough	1,141	10,460	9,315	69,100	£280
Cardigan Borough ...	4,928	3,420	3,497	14,672	£57
Lampeter Borough ...	1,754	1,950	1,799	11,148	£42
Aberaeron Urban ...	388	1,180	1,229	5,940	£23
New Quay Urban ...	281	990	1,093	4,270	£17
Aberaeron Rural ...	99,321	9,370	9,497	18,540	£72
Aberystwyth Rural ...	140,728	10,820	10,966	30,735	£123
Teifside Rural ...	73,102	10,200	10,432	25,693	£104
Tregaron Rural ...	121,546	5,210	5,450	8,874	£434
Whole County ...	443,189	53,600	53,278	188,972	£752

TUBERCULOSIS.

During the year 43 new cases of tuberculosis were notified, 37 being tuberculosis of the lungs and 6 non-pulmonary tuberculosis. This is a decrease over the previous year in which the numbers were 44 and 7 respectively.

The following tables show the sex and age distribution of the cases.

TUBERCULOSIS NOTIFICATIONS, 1955
PULMONARY.

District	0—		1—		2—		5—		10—		15—		20—		25—		35—		45—		55—		65—		75—		TOTAL	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F		
Aberaeron Urban	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—	1	—
Aberystwyth Boro.	—	—	—	—	—	—	—	—	—	—	—	—	1	1	—	—	—	—	—	3	1	—	—	—	1	—	8	—
Cardigan Borough...	—	—	—	—	—	—	—	—	—	—	—	—	1	—	1	—	—	—	—	—	—	—	—	—	—	—	2	—
Lampeter Borough	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—	—	—	1	—
New Quay Urban ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—	—	—	—	1	—	—	—	—	2	—
Aberaeron Rural ...	—	—	—	—	—	—	—	—	—	—	—	—	—	2	1	—	—	—	—	1	—	—	1	1	—	—	6	—
Aberystwyth Rural	—	—	—	—	—	—	—	—	3	2	3	1	—	—	—	—	—	—	—	—	—	—	1	—	—	—	10	—
Teifside Rural ...	—	—	—	—	—	—	—	—	—	—	—	—	1	1	—	—	—	—	—	1	—	—	1	—	—	—	4	—
Tregaron Rural ...	—	—	—	—	—	—	—	—	1	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3	—
Whole County ...	—	—	—	—	—	—	—	—	1	3	3	4	5	3	2	2	—	1	5	1	1	1	4	1	—	—	37	—

NON-PULMONARY

District	0—		1—		2—		5—		10—		15—		20—		25—		35—		45—		55—		65—		75—		TOTAL	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F		
Aberaeron Urban ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Aberystwyth Boro.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—
Cardigan Borough...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Lampeter Borough	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
New Quay Urban ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Aberaeron Rural ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—	—	—	2	—
Aberystwyth Rural	—	—	—	—	—	—	—	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	2	—
Teifside Rural ...	—	—	—	—	—	—	—	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—
Tregaron Rural ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

EXTRACTS FROM VITAL STATISTICS.

The following is a short extract from the Vital Statistics for the year 1955.

		Total	M.	F.		Rate for the County
LIVE BIRTHS	{ Legitimate	645	321	324	Live Birth Rate per 1000 of the estimated population ..	.. 12.72
	{ Illegitimate	37	19	18		
		682	340	342		
STILL-BIRTHS	{ Legitimate	19	11	8	Rates per 1000 population	0.35
	{ Illegitimate	—	—	—		
		19	11	8		
TOTAL BIRTHS ..		701	351	350	Total Birth Rate*	.. 13.08
DEATHS ..		858	430	428	Uncorrected Death Rate*	16.01

* To compare the birth and death rates of Cardiganshire with those of England and Wales, comparability factors have been used.

**The corrected birth rate for Cardiganshire is 15.04,
and that of the death rate is 12.33.**

<i>Deaths from pregnancy and childbirth</i>	No.	
Rate per 1,000 total (live and still) births ..	1	1.43
<i>Deaths of infants under one year</i> ..	27	
Death Rate of Infants under one year of age (Infantile Mortality) :— ..		39.59
<i>Deaths of infants under 4 weeks</i> ..	22	
Death rate of infants under 4 weeks ..		32.26
<i>Deaths from Child Diseases :—</i>		
Number of deaths from Measles (all ages) ..	0	
Rate per 1,000 population is ..		0.00
Number of deaths from Whooping Cough (all ages) ..	0	
Rate per 1,000 population is ..		0.00
Number of deaths from Diarrhoea (under 2 years) ..	2	
Rate per 1,000 population is ..		0.04
Rate per 1,000 live births ..		2.93

BIRTH RATE, INFANTILE MORTALITY AND STILL BIRTH RATE FOR 1955

	Population	Total No. of Births	Total No. of Live Births	Live Births per 1,000 population	Number of Still Births	Still Births per 1,000 population	Deaths of Infants under 1 year—number	Death Rate of Infants under 1 year per 1,000 Live Births	Deaths of Infants under 4 weeks
Whole County ...	53,600	701	682	12.72	19	0.35	27	39.59	22
Rural Area ...	35,600	478	470	13.20	8	0.22	21	44.68	18
Urban Area ...	18,000	223	212	11.78	11	0.61	6	28.30	4
RURAL DISTRICTS :									
Aberaeron ...	9,370	119	117	12.48	2	0.21	8	68.38	5
Aberystwyth North & South ...	10,820	140	137	12.66	3	0.28	7	51.09	7
Teifiside ...	10,200	156	156	15.29	0	0.00	6	38.46	6
Tregaron ...	5,210	63	60	11.52	3	0.58	0	0.00	0
URBAN DISTRICTS :									
Aberaeron ...	1,180	11	10	8.47	1	0.85	0	0.00	0
New Quay ...	990	6	6	6.06	0	0.00	0	0.00	0
MUNICIPAL BOROUGHs:									
Aberystwyth ...	10,460	116	113	10.80	3	0.29	4	35.39	4
Cardigan ...	3,420	61	55	16.08	6	1.75	1	18.18	0
Lampeter ...	1,950	29	28	14.36	1	0.51	1	35.71	0

CAUSES OF DEATH IN AGE GROUPS (NUMBERS).

	Under 1 year old	1—5	5—15	15—25	25—45	45—65	65—75	Over 75	Total
Tuberculosis of the lungs	0	0	0	0	0	2	1	1	4
Tuberculosis, other forms	0	0	0	0	0	1	0	0	1
Heart Disease :									
(a) Coronary Disease ...	0	0	0	0	1	20	35	44	100
(b) With Hypertension	0	0	0	0	0	4	6	18	28
(c) Other forms ...	0	0	0	0	1	17	41	128	187
Cerebral Haemorrhage (Vascular lesions of the nervous system) ...	0	0	0	0	3	9	41	81	134
Cancer ...	0	0	0	1	6	53	51	38	149
Nephritis ...	0	0	0	1	0	4	6	7	18
Influenza ...	0	0	1	0	0	0	2	0	3
Pneumonia ...	1	1	0	0	0	2	2	13	19
Bronchitis ...	1	0	0	0	2	5	9	17	34
Congenital malformation...	2	1	0	0	0	0	0	0	3
Other defined and ill- defined diseases ...	20	0	0	0	4	14	13	28	79
Deaths from other causes	3	1	3	5	8	17	21	41	99
Number of deaths from all causes	27	3	4	7	25	148	228	416	858

HEART DISEASE—MORTALITY ANALYSED

	RURAL DISTRICTS								URBAN DISTRICTS				MUNICIPAL BOROUGHs								WHOLE COUNTY				RURAL DISTRICTS		URBAN DISTRICTS	
	ABERARON		ABERYSTWYTH North & South		TEIFSIDE		TREGARON		ABERARON		New Quay		ABERYSTWYTH		CARDIGAN		LAMPETER		No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
Coronary Disease Angina	14	1.49	29	2.68	19	1.86	11	2.11	5	4.24	3	3.03	8	0.76	8	2.34	3	1.54	100	1.87	73	2.05	27	1.50				
	7	0.75	7	0.65	4	0.39	0	0.00	2	1.69	2	2.02	5	0.48	1	0.29	0	0.00	28	0.52	18	0.51	10	0.56				
Hypertension with Heart Disease ...	31	3.31	31	2.87	41	4.02	34	6.53	4	3.39	3	3.03	22	2.10	12	3.51	9	4.62	187	3.49	137	3.85	50	2.78				
Other Heart Disease ...																												

Causes of Death in Certain Diseases, 1955

	WHOLE COUNTY		RURAL AREA		URBAN AREA		RURAL DISTRICTS.								URBAN DISTRICTS				MUNICIPAL BOROUGHES.					
							ABERAERON		ABERYSTWYTH North & South		TEIFSIDE		TREGARON		ABERAERON		NEW QUAY		ABERYSTWYTH		CARDIGAN		LAMPETER	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
Heart Disease	315	5.87	228	6.40	87	4.83	52	5.55	67	6.19	64	6.27	45	7.77	11	9.32	8	8.08	35	3.34	21	6.14	12	6.15
Cerebral Haemorrhage	134	2.49	87	2.44	47	2.61	23	2.45	30	2.77	26	2.54	8	1.54	5	4.24	4	4.04	25	2.39	9	2.63	4	2.05
Other diseases of Circulatory System	22	0.41	9	0.25	13	0.72	2	0.21	4	0.37	3	0.29	0	0.00	0	0.00	0	0.00	12	1.15	0	0.00	1	0.51
Cancer	149	2.78	97	2.72	52	2.89	29	3.09	28	2.58	24	2.53	16	3.07	6	5.08	4	4.04	32	3.05	8	2.34	2	1.03
Nephritis	18	0.34	10	0.28	8	0.44	4	0.43	3	0.28	1	0.09	2	0.38	0	0.00	1	1.01	5	0.48	2	0.58	0	0.00
Tuberculosis of Lungs	4	0.07	2	0.06	2	0.11	0	0.00	1	0.09	1	0.09	0	0.00	0	0.00	0	0.00	1	0.09	1	0.29	0	0.00
Tuberculosis other than Lungs ...	1	0.02	1	0.03	0	0.00	0	0.00	0	0.00	0	0.00	1	0.19	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Pneumonia	19	0.35	10	0.28	9	0.50	5	0.53	4	0.37	0	0.00	1	0.19	0	0.00	0	0.00	7	0.67	2	0.58	0	0.00
Bronchitis	34	0.63	27	0.75	7	0.39	8	0.85	4	0.37	6	0.59	9	1.73	1	0.85	0	0.00	4	0.38	2	0.58	0	0.00
Ulcerated Stomach and Duodenum.	8	0.15	5	0.14	3	0.17	1	0.11	0	0.00	4	0.39	0	0.00	0	0.00	0	0.00	1	0.09	0	0.00	2	1.03
Diabetes	6	0.11	4	0.11	2	0.11	0	0.00	1	0.09	3	0.29	0	0.00	0	0.00	0	0.00	2	0.19	0	0.00	0	0.00
Pregnancy, Childbirth and Abortion	1	0.02	1	0.03	0	0.00	1	0.11	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Congenital Malformations ...	3	0.06	3	0.08	0	0.00	0	0.00	2	0.18	0	0.00	1	0.19	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Suicide	9	0.17	6	0.17	3	0.17	2	0.21	1	0.09	3	0.29	0	0.00	0	0.00	0	0.00	2	0.19	0	0.00	1	0.51
Motor Vehicle Accidents	3	0.06	3	0.08	0	0.00	2	0.21	0	0.00	0	0.00	1	0.19	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00

There were no deaths in the County during 1955 from the following diseases :—
Typhoid, Diphtheria, Acute infective encephalitis, Cerebro Spinal Fever, Scarlet Fever.

TABLE OF INFECTIOUS DISEASES (EXCLUDING TUBERCULOSIS) NOTIFIED
DURING THE YEAR.

Sanitary District	Population Census, 1951	Estimated population 1955	Scarlet Fever	Diphtheria	Paratyphoid fever	Pneumonia	Encephalitis lethargica	Whooping Cough	Erysipelas	Chicken Pox	Cerebro Spinal fever	Cerebro spinal meningitis	Measles	Puerperal pyrexia	Dysentery	Typhoid	Acute polio-myelitis	Acute polio-encephalitis	Food Poisoning
URBAN :																			
Aberystwyth ...	9315	10460	9	0	0	1	0	15	1	0	0	0	88	0	0	0	1	0	4
Cardigan ...	3497	3420	6	0	0	0	0	0	0	0	0	0	122	0	0	0	0	0	0
Lampeter ...	1799	1950	1	0	0	0	0	2	0	0	0	0	72	0	32	0	0	0	0
Aberaeron ...	1229	1180	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
New Quay ...	1093	990	0	0	0	1	0	0	0	0	0	0	3	0	0	0	0	0	1
RURAL :																			
Aberaeron ...	9497	9370	2	0	0	1	0	0	0	0	0	0	90	0	5	0	0	0	1
Aberystwyth(N)	10966	10820	1	0	0	0	0	8	0	0	0	0	104	0	0	0	1	0	4
Aberystwyth (S)																			
Teifiaside ...	10432	10200	9	0	0	3	0	2	1	0	0	0	64	0	0	0	2	0	0
Tregaron ...	5450	5210	0	0	0	0	0	0	0	0	0	0	25	0	0	0	0	0	0
Total ...	53278	53600	28	0	0	7	0	27	2	0	0	0	568	0	37	0	4	0	10

TABLE SHOWING THE NUMBER OF VISITS AND WORK DONE BY THE
DISTRICT NURSE-MIDWIVES DURING THE YEAR.

District	No. of New Cases				Total No. of Visits	Nights on duty	First Visits to expectant mothers	Total Visits to expectant mothers
	Maternity	Medical	Surgical	Chronic				
Aberystwyth (3 nurses)	17	165	119	16	9134	28	30	179
Aberaeron ...	6	—	—	—	973	3	1	3
Aberporth ...	17	173	131	36	1096	18	23	133
Borth ...	4	77	19	—	2306	2	3	33
Cardigan (2 nurses)	21	127	42	10	2930	25	28	78
Cross Inn & Cilcennin ...	1	32	26	—	1012	2	6	18
Devil's Bridge ...	—	32	34	2	1292	9	3	15
Glandyfi ...	—	12	24	5	3162	3	2	5
Henllan ...	6	39	47	5	2651	26	11	136
Lampeter (2 nurses)	32	117	132	10	5441	40	54	439
Llanafan ...	3	46	41	—	1379	15	10	48
Llanarth ...	9	101	77	1	1643	25	9	113
Llandyssilio ...	4	53	15	14	1831	4	13	46
Llandyssul ...	4	18	10	14	1620	7	14	76
Llangeitho ...	9	20	77	—	2210	10	12	64
Llangranog ...	8	69	53	5	1746	7	12	58
Llanilar ...	2	73	51	4	2099	14	13	43
Llanrhystyd ...	8	50	39	24	1968	8	18	108
Llanwenog ...	13	157	16	4	2641	29	17	330
Llanychaiarn ...	—	65	65	11	3233	10	6	49
Llechryd ...	2	42	29	5	1251	9	6	41
Melindwr ...	2	52	83	17	1916	10	1	20
Mid-Aeron ...	5	32	48	22	1799	—	8	114
New Quay ...	6	71	26	10	2764	—	19	34
Pontrhydfendigaid ...	3	59	61	12	2729	10	5	55
Rhydlewisl ...	8	71	55	13	1408	9	24	91
Rhydpennau ...	1	75	88	3	2075	3	—	—
Talybont ...	—	68	76	47	1727	18	—	18
Tregaron ...	6	50	78	4	2354	16	16	73
Total ...	197	1946	1562	294	68390	360	364	2420

TABLE SHOWING THE NUMBER OF VISITS AND WORK DONE BY HEALTH VISITORS DURING THE YEAR

HEALTH VISITOR'S AREA	INFANT VISITS				NUMBER IMMUNISED AT CLINIC		ATTENDANCES AT			VISITS PAID TO			SCHOOL WORK							
	Under one year		One to five years		First Inoculation	Second Inoculation	M. and C.W. Clinic	Eye Clinic	Orthopaedic Clinic	Ante-natal Clinic	Tuberculous Patients	Blind	Cripples	Mental Defectives	No. of schools visited with S.M.O.	No. of schools visited alone	No. of Children examined	No. of Children found unclean.	No. of Children found suffering from minor defects	No. of Homes visited.
	First Visits	Re- Visits	Visits 1—2	Visits 2—5																
Aberystwyth Urban	60	446	310	663	0	0	122	0	17	20	89	16	2	8	6	53	3032	98	72	164
Aberystwyth Rural (Part)	50	435	254	675	12	58	126	0	15	8	68	29	11	1	8	68	4102	66	42	194
Aberystwyth Rural South	64	507	264	830	1	0	0	0	0	0	147	28	3	34	15	163	4404	67	49	65
Aberystwyth Rural North	51	809	74	708	3	10	47	0	0	0	23	7	0	3	10	113	3606	67	0	56
Aberaeron	64	457	329	730	1	2	22	4	0	0	101	34	0	17	17	147	5982	34	46	60
Cardigan	124	1412	122	1521	10	12	37	1	0	0	115	123	75	73	7	105	8282	224	23	238
Lampeter	82	657	159	929	0	0	20	0	0	0	24	8	0	2	8	112	4328	28	11	6
Llandyssul	59	614	97	1130	0	0	45	0	0	1	39	78	26	5	10	88	3994	192	23	59
Llangrannog	82	768	123	1796	2	5	49	5	0	0	104	89	1	5	5	101	4820	1	8	77
Tregaron	37	498	261	581	0	0	19	0	0	0	68	26	0	1	8	118	4411	35	11	29
Total	673	6603	1993	9563	29	87	487	10	32	29	778	438	118	149	94	1068	46961	812	285	948

TABLE SHOWING THE NUMBER OF ATTENDANCES AT THE
INFANT WELFARE CENTRES DURING THE YEAR

Clinic	Number of Sessions held		Ante-natal attend-ances	Infant attend-ances	Average infant attend-ances
	Infant	Ante-natal			
Aberaeron ...	22	—	—	233	10.59
Aberporth ...	24	—	—	445	18.54
Aberystwyth ...	106	24	21	2337	31.48
Borth ...	26	—	—	355	14.79
Cardigan ...	25	—	—	644	25.76
Lampeter ...	26	—	—	372	14.31
Llanbadarn ...	21	—	—	272	12.90
Llandyssul ...	26	—	—	242	9.31
Llangranog ...	11	—	—	71	6.45
Llechryd ...	12	—	—	111	9.25
New Quay ...	11	—	—	91	8.27
Penparcau ...	29	—	—	542	18.00
Penrhiwllan ...	24	—	—	290	12.08
Taliesin ...	26	—	—	96	3.68
Tregaron ...	24	—	—	233	9.70
TOTAL ...	413	24	21	6334	15.33

STILL BIRTHS.

Nineteen still births occurred during the year. Nine of these were in the County Maternity Home and seven at Cardigan Memorial Hospital.

REGISTRATION OF NURSING HOMES.

Number of new applications for registration	...	...	...	Nil
Number of Homes already registered	...	...	...	Nil
Number of Orders made refusing or cancelling registration	...	...	...	Nil
Number of Appeals against such Orders	...	...	...	Nil
Number of Applications for exemption from registration	...	...	...	Nil

DIPHTHERIA IMMUNISATION.

Number of children immunised as at 31st December of the following years.

Age	1950	1951	1952	1953	1954	1955
Under 1 year ...	30	36	40	32	45	141
1 year ...	214	273	257	1447	1260	1238
2 years ...	485	335	330			
3 years ...	539	522	353			
4 years ...	687	517	420			
5—9 years ...	2339	2555	2602	2633	2513	2468
10—14 years ...	3005	2932	3228	2977	2626	2738
Total ...	7299	7170	7230	7089	6444	6585

PATHOLOGICAL INVESTIGATIONS.

Wassermann tests are carried out at the Beck Laboratory, Swansea. All other chemical and bacteriological work during 1955 was done in the Public Health Laboratory, Aberystwyth.

ORTHOPAEDIC TREATMENT.

Children of pre-school age are dealt with by the Maternity and Child Welfare Service of the County Council, and those of school age by the School Medical Service. Cases are examined by the Visiting Surgeon, and those requiring hospital treatment are sent to the Prince of Wales' Hospital, Cardiff. Two hundred and ninety eight individual cases were seen by the Visiting Surgeon during the year.

CARDIGANSHIRE EDUCATION COMMITTEE

ANNUAL REPORT

of the

PRINCIPAL SCHOOL MEDICAL OFFICER

for the year

1955

THE SCHOOL MEDICAL SERVICE.

The year 1955 was a healthy year as regards epidemics. An outbreak of Sonne's dysentery was traced to sources outside the county, as were two cases of poliomyelitis. There were no deaths amongst school children from diphtheria, scarlet fever, measles, poliomyelitis, typhoid or whooping cough.

Cleanliness of School Children.

It is very satisfactory to learn that in the new infants' schools where the toilets for the little ones are near the classrooms, a toilet drill has been introduced so that the little children learn clean habits.

Seventeen cases of ringworm were found to have been contracted from cattle. There were 32 cases of impetigo. The majority of these skin diseases were treated at Tanybwch Hospital.

Nutrition.

The physique of the children is excellent. Very few cases of undernourished children were discovered, and the healthiness of the children is reflected in the good school attendances.

Speech Therapy.

Weekly clinics are held by the Authority. During the year 50 cases were treated with excellent results.

Orthopaedic and Ophthalmic Treatment.

The numbers of children suffering from orthopaedic conditions and defective vision are shown on page 46

Milk-in-Schools Scheme.

The Milk-in-Schools scheme has functioned satisfactorily during the year. Since the scheme came into operation the policy of the Cardiganshire Education Committee has been to insist on a supply of either T.T. or pasteurised milk for their schools. In a rural county the amount of pasteurised milk available has been very small on account of the sparse population and the high cost of pasteurising plant, but fortunately Cardiganshire is an Eradication Area and, therefore, the milk served to the children in the schools is free of the disease-producing germs.

However, a new pasteurising plant and bottling machinery have been installed in a large dairy farm near Aberystwyth and as a result there has recently been an increase in the number of rural schools receiving T.T./Pasteurised milk in one-third pint bottles complete with drinking straws. Because the amount of milk required in some individual schools is so small, it has to be delivered not in bottles but in bulk containers. To insist on small rural schools receiving their milk in one-third pint bottles would only result in most of these schools being without milk. The additional labour and expense placed on the producer makes the service uneconomic to the producer.

In accordance with the directions of the Ministry of Education, tenders were invited for the supply of milk to the schools for the year 1955-56, in order to obtain milk at a competitive price. No tenders were received for several schools because no producer was found to deliver small quantities.

During the year the County Sanitary Inspector made 164 visits to farms, dairies and schools in connection with approving new sources of supply and for sampling the milk for bacteriological examination.

The following figures show the grades of milk supplied to the schools :—

T.T./Pasteurised	...	...	...	...	30
T.T. Attested Herds	...	...	...	...	73
Undesignated milk from Attested Herds			...	...	2
Dried Milk	...	...	...	...	1

Inspection of School Canteens.

The mid-day meals service continued to function satisfactorily throughout the year. Regular inspections of the canteens is carried out by the County Sanitary Inspector to supervise the quality of the food, milk and meat supplies and also to give advice where necessary concerning the hygienic handling and preparation of food.

During the early part of the year there was an outbreak of Sonne's dysentery which affected 37 young children in Lampeter, most of whom were either pupils or had contacts with the local primary school. At first it was thought that the focus of infection was connected with school meals but investigation showed that the cause was due to a pupil contracting the disease during a holiday in South Wales and spreading it by personal contact amongst the other children on her return to school. It is gratifying to report that there were no cases of sickness due to school meals in any school throughout the year.

School Water Supplies and Sanitation.

Since the end of the war great progress has been made in the provision of main piped water supplies to the rural areas and wherever possible the Education Committee have connected these supplies to schools to replace wells and pumps which were the only available supplies to most schools before the war. Out of 106 schools in the county 88 are now supplied from local authority mains, 7 have their own private piped supply constructed by the Education Committee, and 11 are still dependent on supplies from wells and pumps.

During the year a mains supply became available and was connected to Capel Seion County Primary School, Gwenlli County Primary School and Blaenau County Primary School.

Twenty-four schools in the county are still not provided with modern sanitary conveniences and the main reason for this is the absence of an adequate water supply. As this becomes available the school offices are converted to the water-borne system and during the year the following schools were so changed.

Llanafan County Primary School.
Blaenau County Primary School.
Cross Inn (Llanon) County Primary School.
Lledrod County Primary School.
Ysbyty Ystwyth County Primary School.

REPORT OF THE PRINCIPAL SCHOOL DENTAL OFFICER.

A survey of the work carried out by the School Dental Service may be seen in the table at the end of the Report. A large amount of dental work has been done in spite of the increasing demands of orthodontics, and the dental treatment of the pre-school child and expectant and nursing mothers.

It will be seen that from the 3,304 children offered treatment 2,743 were actually treated. This is an acceptance rate of 83%. There were 2,078 administrations of general anaesthetics (N_2O) which proves to be of great value in the treatment of young children.

Dentistry in a rural community like Cardiganshire is bound sometimes to present some difficulties. For example, the use of closed anthracite stoves in schools results in lack of heating facilities for sterilizing, especially in those schools where there is no electricity supply. The number of fixed dental clinics remain the same—but there is a great need for a fixed clinic room at Llandysul County Grammar School. The conditions there are far from satisfactory, especially in winter, for treatment is carried out in a large gymnasium, with no adequate lighting, heating facilities, or water. Under those conditions it is impossible to carry out dental work in a satisfactory manner. The acceptance rate of dental treatment in this school is low and these conditions may indeed be a contributory factor towards it.

It is regrettable that the incidence of dental caries in the county is still very high. Out of 4,811 children examined 3,996 were found to require treatment. Two schools have started "tooth cleaning drill"—the children clean their teeth on arrival in the morning and again after the mid-day meal at school. In view of the present shortage of dentists, a great drive in orophylaxis might well contribute to its diminution.

SCHOOL CLINICS, 1955

Clinic	Location		Number of sessions held	Total number of sessions held
	Local Authority Premises	Other Premises		
Minor ailments	Aberystwyth	—	208	208
Dental	Aberystwyth	—	320	428
	Aberaeron	—	12	
	Cardigan	—	64	
	Henllan	—	8	
	Lampeter	—	8	
	Llandyssul	—	12	
	Tregaron	—	4	
Ophthalmic ...	—	Aberystwyth	36	63
	—	Aberaeron	8	
	Cardigan	—	7	
	Lampeter	—	7	
	Tregaron	—	5	
Orthopaedic ...	—	Aberystwyth	18	28
	—	Aberaeron	6	
	Cardigan	—	4	
Speech Therapy	Aberystwyth	—	28	28

MEDICAL INSPECTION RETURNS.

A.—Routine Medical Inspections.

NUMBER OF CODE GROUP INSPECTIONS :

Entrants	..	..	..	..	..	..	685
Intermediates	..	..	..	..	..	..	1,277
Leavers	..	..	.	..	..	.	451
Total							2,413

Number of Other Routine Inspections —

B.—Other Inspections.

Number of Special Inspections	..	..	..	..	32
Number of Re-Inspections	..	..	..	..	—
					32

C.—PUPILS FOUND TO REQUIRE TREATMENT.

Group	For defective vision (excluding squint)	For any of the other conditions in Table IIA	Total individual pupils
Entrants	36	69	105
Intermediates	153	71	224
Leavers	39	24	63
Total (prescribed groups) ...	228	164	392
Additional Periodic Inspections	—	—	—
Grand Total	228	164	392

Table II.

A.—RETURN OF DEFECTS FOUND BY MEDICAL INSPECTION IN
THE YEAR ENDED 31st DECEMBER, 1955.

DEFECT OR DISEASE.	PERIODIC INSPECTIONS.		SPECIAL INSPECTIONS.	
	No. of Defects.		No. of Defects.	
	Requiring Treatment	Requiring to be kept under observation, but <i>not</i> requiring Treatment.	Requiring Treatment	Requiring to be kept under observation, but <i>not</i> requiring Treatment.
Skin :	4	—	—	—
Eyes :				
<i>a.</i> Vision... ..	228	—	—	—
<i>b.</i> Squint	5	—	—	—
<i>c.</i> Other	4	—	—	—
Ears :				
<i>a.</i> Hearing	—	4	—	—
<i>b.</i> Otitis Media	—	—	—	—
<i>c.</i> Other	—	—	—	—
Nose or Throat	55	—	—	—
Speech	3	—	—	—
Cervical Glands	—	—	—	—
Heart and Circulation	—	7	—	—
Lungs	—	15	—	—
Developmental :				
<i>a.</i> Hernia	—	—	—	—
<i>b.</i> Other	—	—	—	—
Orthopaedic				
<i>a.</i> Posture	15	—	—	—
<i>b.</i> Flat Foot	21	—	—	—
<i>c.</i> Other	17	—	—	—

RETURN OF DEFECTS (*continued*)

DEFECT OR DISEASE.	PERIODIC INSPECTIONS.		SPECIAL INSPECTIONS.	
	No. of Defects.		No. of Defects.	
	Requiring Treatment	Requiring to be kept under observation, but <i>not</i> requiring Treatment.	Requiring Treatment	Requiring to be kept under observation, but <i>not</i> requiring Treatment.
Nervous system :				
<i>a.</i> Epilepsy ...	—	—	—	—
<i>b.</i> Other ...	4	—	—	—
Psychological :				
<i>a.</i> Development ...	—	—	—	—
<i>b.</i> Stability ...	—	—	—	—
Other... ...	—	10	—	

B.—CLASSIFICATION OF THE GENERAL CONDITION OF PUPILS INSPECTED DURING THE YEAR IN THE AGE GROUPS.

Age Group	Number of Pupils Inspected	A		B		C	
		(Good)		(Fair)		(Poor)	
		No.	%	No.	%	No.	%
Entrants	685	398	58.10	281	41.02	6	0.88
Intermediates ..	1277	812	63.58	459	35.94	6	0.47
Leavers ..	451	354	78.49	97	21.50	0	0.00
Additional periodic inspections	—	—	—	—	—	—	—
TOTAL	2413	1564	64.82	837	34.69	12	0.49

Table III.

INFESTATION WITH VERMIN.

(i) Total number of examinations in the schools by the school nurses or other authorised persons	46,921
(ii) Total number of individual pupils found to be infested	812
(iii) Number of individual pupils in respect of whom cleansing notices were issued (Section 54 (2), Education Act, 1944)	—
(iv) Number of individual pupils in respect of whom cleansing orders were issued (Section 54 (3), Education Act, 1944)	—

Table IV.

TREATMENT TABLES.

Group I.—Diseases of the Skin (excluding uncleanness for which see Table III).

Disease	Number of cases treated or under treatment during the year.	
	By the Authority	Otherwise
Ringworm—(i) Scalp ...	1	—
(ii) Body ...	16	—
Scabies	—	—
Impetigo	32	—
Other skin diseases ...	1	—
Total	50	—

Group II.—Eye Diseases, Defective Vision and Squint.

	<i>Number of cases dealt with</i>	
	<i>By the Authority</i>	<i>Otherwise</i>
External and other, excluding errors of refraction and squint	—	—
Errors of refraction (including squint) ...	631	—
Total	631	—
Number of pupils for whom spectacles were		
(a) Prescribed	292	—
(b) Obtained	292	—

Group III—Diseases and Defects of Ear, Nose and Throat.

	<i>Number of cases treated</i>	
	<i>By the Authority</i>	<i>Otherwise</i>
Received operative treatment		
(a) for diseases of the ear	—	2
(b) for adenoids and chronic tonsillitis ...	—	141
(c) for other nose and throat conditions ...	—	34
Received other forms of treatment ...	—	119
Total	—	296

Group IV—Orthopaedic and Postural Defects.

	<i>By the Authority</i>	<i>Otherwise</i>
(a) Number treated as in-patients in hospitals	7	2
(b) Number treated otherwise, e.g., in clinics or out-patient departments ...	247	92

Group V.—Child Guidance Treatment.

	Number of cases treated	
	in the Authority's Child Guidance Clinics	Elsewhere
Number of pupils treated at Child Guidance Clinics ...	—	—

Group VI.—Speech Therapy.

	Number of cases treated	
	By the Authority	Otherwise
Number of pupils treated by Speech Therapist ...	50	—

Group VII.—Other Treatment Given.

	No. of cases treated	
	By the Authority	Otherwise
Miscellaneous minor ailments ...	25	—

TABLE V.

Dental Inspection and Treatment carried out by the Authority.

(1) Number of pupils inspected by the Authority's Dental Officers:—						
(a) At periodic inspections	..	..	..	..	4501	
(b) As Specials	..	..	..	..	310	
					Total	4811
<hr/>						
(2) Number found to require treatment	..	..	..	..	3996	
(3) Number offered treatment	..	..	..	..	3304	
(4) Number actually treated	..	..	..	..	2743	
(5) Attendances made by pupils for treatment		..	..	..	5323	
<hr/>						
(6) Half-days devoted to :—						
Periodic Inspection	..	103				
Treatment	..	738	—Total	..	..	841
<hr/>						
(7) Fillings :—						
Permanent Teeth	..	1820				
Temporary Teeth	..	141	—Total	..	..	1961
<hr/>						
(8) Number of teeth filled :—						
Permanent Teeth	..	1407				
Temporary Teeth	..	134	—Total	..	..	1541
<hr/>						
(9) Extractions :—						
Permanent Teeth	..	909				
Temporary Teeth	..	3268	—Total	..	..	4177
<hr/>						
(10) Administration of general anaesthetics for extraction	..	..	2078			
<hr/>						
(11) Other Operations :—						
Permanent Teeth	..	819				
Temporary Teeth	..	262	—Total	..	..	1081